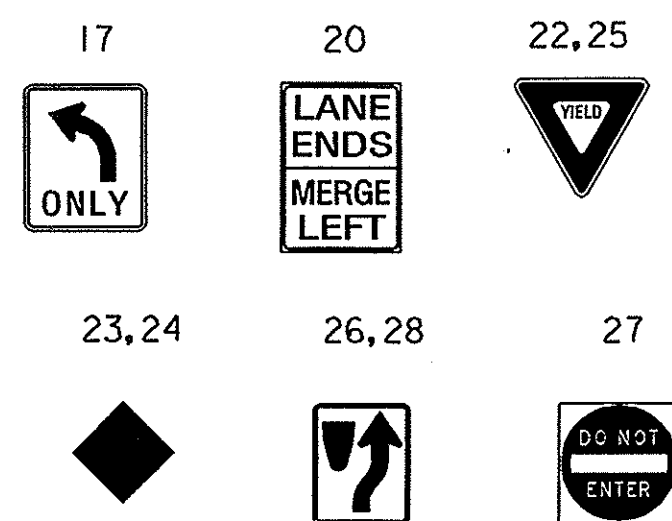


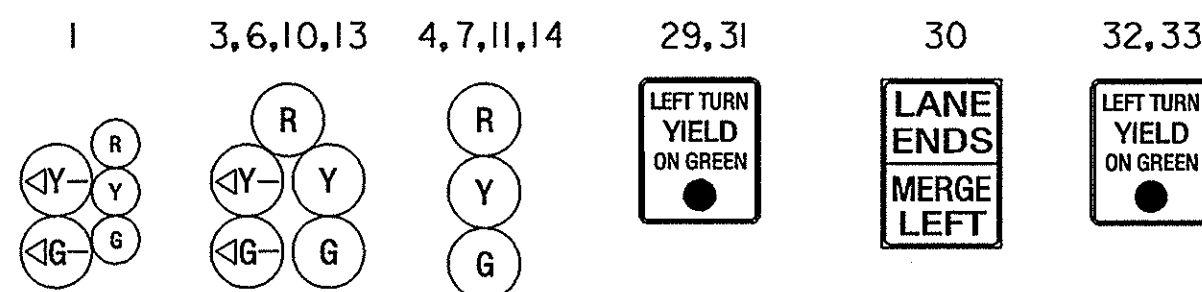
MD 170 IS ASSUMED TO RUN
IN A NORTH/SOUTH DIRECTION.

EXISTING SIGNS & SIGNALS TO REMAIN

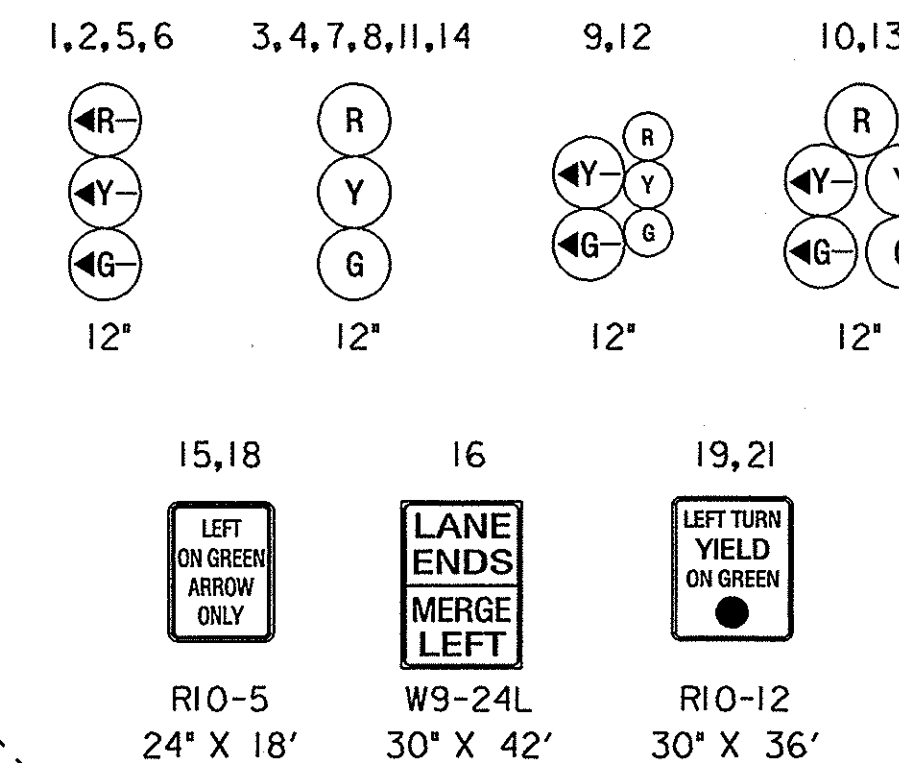


RIGHT OF WAY LINE

EXISTING SIGNS & SIGNALS TO BE REMOVED

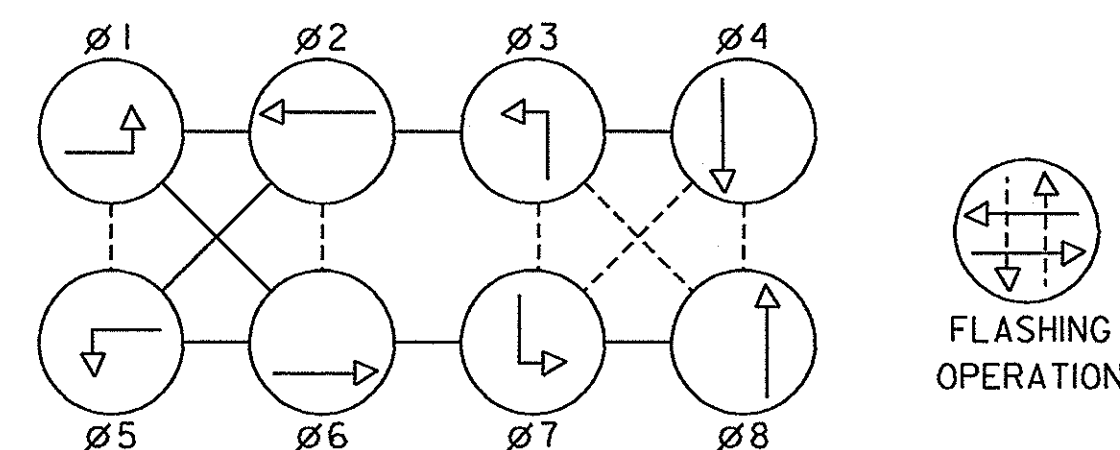


PROPOSED SIGNS & SIGNALS



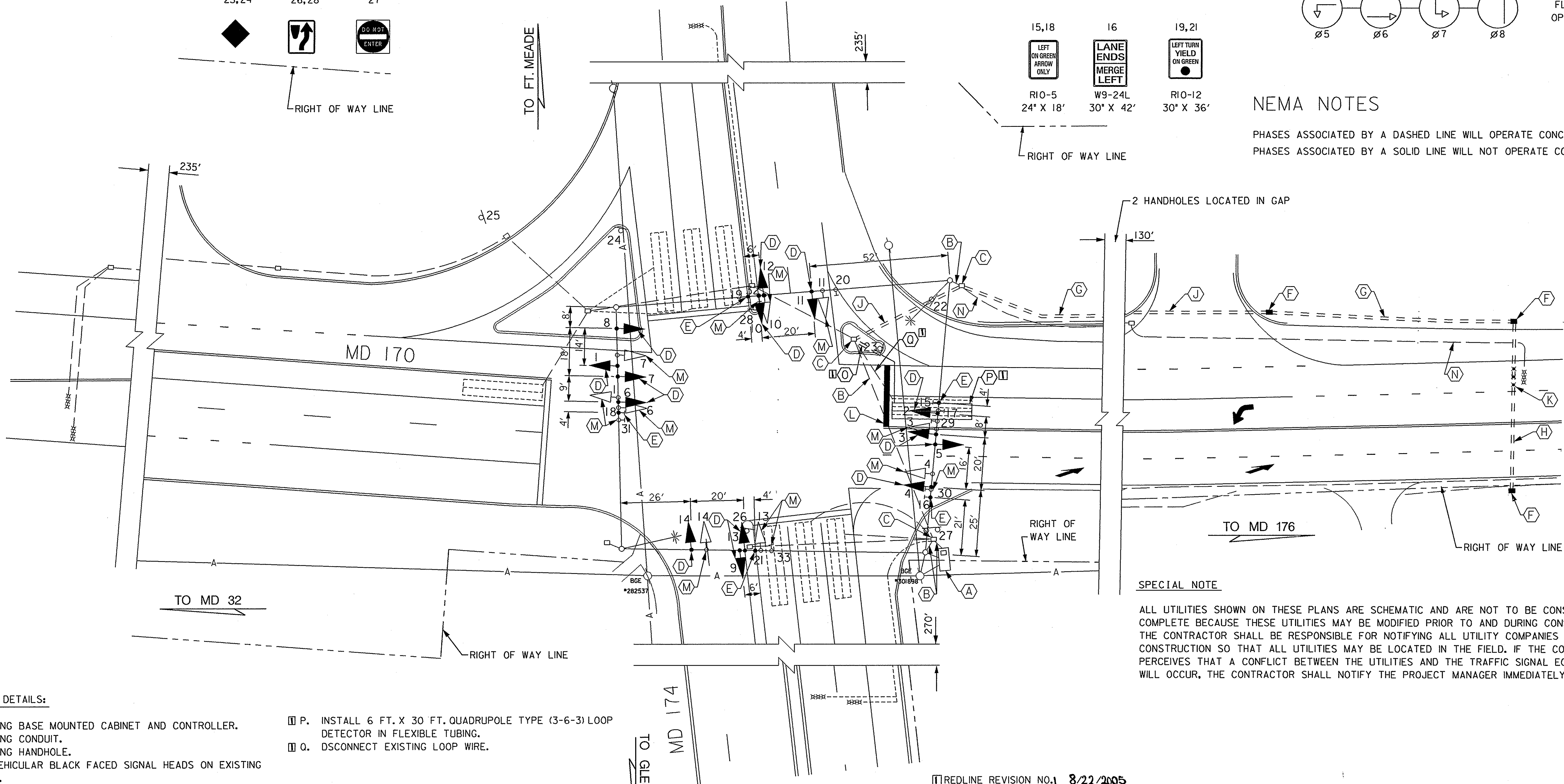
RIGHT OF WAY LINE

NEMA PHASING



NEMA NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS:

- A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
- B. USE EXISTING CONDUIT.
- C. USE EXISTING HANDHOLE.
- D. INSTALL VEHICULAR BLACK FACED SIGNAL HEADS ON EXISTING SPAN WIRE.
- E. INSTALL SIGNS ON EXISTING SPAN WIRE.
- F. INSTALL HANDHOLE.
- G. INSTALL 3 IN. (SCH 80) PVC CONDUIT-TRENCHED.
- H. INSTALL 3 IN. (SCH 80) PVC CONDUIT-BORED.
- J. INSTALL 3 IN. (SCH 80) PVC CONDUIT-SLOTTED.
- K. INSTALL NONINVASIVE PROBE SET WITH 1000 FT. LEAD IN.
- L. INSTALL 24 IN. HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- M. REMOVE EXISTING SIGNAL HEADS, CABLES, SIGNS, AND SIGN HARDWARE ON SPAN WIRE.
- N. CAP AND ABANDON OR REMOVE EXISTING CONDUIT.
- O. INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON METALLIC CONDUIT FOR DETECTOR SLEEVE.
- P. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE (3-6-3) LOOP DETECTOR IN FLEXIBLE TUBING.
- Q. DISCONNECT EXISTING LOOP WIRE.

UTILITY LEGEND	
— G —	GAS MAIN
— W —	WATER MAIN
— S —	SEWER MAIN
— E —	ELECTRIC CABLES
— A —	AERIAL CABLES
— T —	TELEPHONE CABLES

REDLINE REVISION NO. 1 8/22/2005

REVISIONS		APPROVALS	
1	10-04 MODIFY PHASING FOR EXCLUSIVE LEFT TURNS ON MD 170 SHA NO. A-308876	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
2	5-25-01 INSTALL NEW SIGNAL POLE FOR RIGHT TURN LANE CONSTRUCTION BW-966M82	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
3	4-29-84 MODIFY PHASING FOR EXCLUSIVE PERMISSIVE LEFT TURNS SHA NO. A-179-501-576	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
		DIRECTOR, TRAFFIC & SAFETY	

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION			
MD 170 AT MD 174			
DRAWN BY: D. DODA	F.A.P. NO.	TS NO.	SHEET NO. 8 OF 12
CHECKED BY: D. DODA	S.H.A. NO.	1464 - C	
SCALE: 1"=20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. E 567	
DATE: DECEMBER 9, 1976	LOG MILE: 02.0170 03.75		